

REMARKS

This Amendment is in response to the Office Action mailed January 25, 2005. Claims 1-22 were examined in the Office Action. Claims 1-22 were rejected. Claims 1, 9, 13, and 19 have been amended for antecedent basis and/or to overcome the rejections outlined in the Office Action. Claims 8, 10, and 17 have been canceled. Applicants respectfully request reconsideration and examination in view of the following remarks.

Claim Rejections - 35 USC § 102

Claims 1-8 and 10-17 are rejected under 35 U.S.C. §102(e) as being anticipated by Nagendran, U.S. Patent Number 6,731,940 B1 (hereinafter "Nagendran"). Independent claims 1 and 13 have been amended and Applicant respectfully submits that Nagendran does not teach each and every feature of Applicants' amended independent claims 1 and 13.

Claim 1

Applicant's amended claim 1 recites a method for providing entry node location information to a service provider in a wireless telecommunication system. The method involves, among other features, (1) receiving a service provider data packet from the service provider at a wireless device, (2) in response to receiving the data packet, sending from the wireless device a radio frequency acknowledgement to the a wireless telecommunications entry node; and (3) sending resource identification information for the entry node to the service provider based on the radio frequency acknowledgement.

In contrast, Nagendran discloses a method for finding the location of a mobile device user, and using the location to customize information and determine a way of delivering such information to the user. However, location specific information generated as disclosed in Nagendran is generated in response to a request for information from a mobile device and the signals transmitted from the mobile device are not sent in response to receiving a data packet for the service provider. (See column 4, lines 59-61 and column 5, lines 28-35, and 57-59). Further the signal signatures determined by the base station must be compared in a database to determine a location of the mobile device. (See column 5, lines 10-20). Thus, resource identification information is not sent to the service provide based on the radio frequency (RF) acknowledgement. Therefore, Nagendran does not teach (2) in response to receiving the data

packet from the service provider, sending a radio frequency acknowledgement and (3) sending resource identification information for the entry node to the service provider based on the radio frequency acknowledgement as recited in Applicant's amended claim 1. Nagendran discloses a request based, database-dependent mobile user location finder. Applicant's amended claim 1 sends an RF acknowledgement in response to receiving a service provider data packet and the RF acknowledgment helps determine where to send the resource identification information that identifies the entry node. Thus, Applicant's amended claim 1 is allowable over Nagendran.

Claim 13

As described above with respect to amended claim 1, Nagendran discloses a request based, database-dependent mobile user location finder (See column 4, lines 59-61 and column 5, lines 10-20, lines 28-35, and 57-59). Thus, Nagendran does not teach a wireless device operative (1) to send a subscriber data packet and a radio frequency acknowledgement from the wireless device to a wireless telecommunications system entry node in response to receiving the service provider data packet, and (2) a mobile switch operative to send resource identification information for the entry node to the service provider based on the radio frequency acknowledgement through the wireless telecommunications entry node as recited in amended claim 13. Thus, amended claim 13 is also allowable over Nagendran.

Dependent claims

Because claims 2-8, and 10-12 and 14-17 inherit the language of amended independent claims 1 and 13 respectively, Applicants respectfully submit that claims 2-8, and 10-12 and 14-17 are also allowable over Nagendran for at least this reason.

Claim Rejections- 35 U.S.C. §103

Claims 9 and 18-22 are rejected under 35 U.S.C. §103 (a) as being unpatentable over Nagendran, U.S. Patent Number 6,731,940 B1 (hereinafter "Nagendran") and in view of Brody et al., U.S. Patent Number 4,670,899 (hereinafter "Brody"). Applicant respectfully submits that Nagendran does not teach or suggest each and every feature of Applicant's amended claim 9, claim 18, and amended independent claim 19.

Dependent claims 9 and 18

Applicant's claims 9 and 18 recite the methods of claims 1 and 13 respectively, comprising, among other features, (1) creating a traffic log at the entry node including resource identification information on the entry node, (2) sending the traffic log, the subscriber data packet, and a positive acknowledgement from the entry node to a mobile switch, and (3) at the mobile switch, extracting the resource identification information from the traffic log.

In contrast, the Office Action acknowledges that Nagendran fails to disclose creating a traffic log including resource identification information on the entry node and sending the traffic log to a mobile switch. The Office Action looks to Brody to resolve the deficiencies of Nagendran. Applicant, however, respectfully submits that Brody cannot resolve the deficiencies of Nagendran because the LBSTATUS table (80) disclosed in Brody only collects or receives data from the cell cites at the MTX and is not actually created at the entry node as recited in Applicant's claims 9 and 18. (See Brody column 13, lines 37-45 and column 14, lines 22-35). Thus, the LBSTATUS table is not sent from the cell cite to the MTX, only data that is included in the table is transferred or retrieved by the MTX routine.

Moreover, the sections of Brody cited in the Office Action do not teach, suggest or describe creating resource identification information at an entry node or the like as recited in claims 9 and 18. Brody discloses that each cell cite has a dedicated high-level data link and associated controller. Such high-level data links are bidirectional signal paths that communicate control information from MTX 20 to the cell site base station dedicated to the data link and vice versa. (See Brody, column 9, lines 20-29). Thus, resource identification information on an entry log is not inherent in Brody, due to the dedicated data links. Thus, neither Nagendran nor Brody, alone or, in combination teach or suggest (1) creating a traffic log at the entry, (2) sending the traffic log, from the entry node to a mobile switch, and (3) at the mobile switch, extracting the resource identification information from the traffic log. Therefore, Applicant's claims 9 and 18 are allowable over Nagendran in view of Brody.

Claim 19

As described above with respect to claims 1, 13, 9, and 18 Nagendran in view of Brody does is request initiated and database dependent. Also, the LBSTATUS 80 is not created at the base station. Thus, at least for the reasons stated above neither Nagendran nor Brody alone, or in combination teach or suggest (1) sending an acknowledgement and a subscriber data packet from

the wireless device to a wireless telecommunications system entry node in response to receiving the data packet from the service provider at a wireless device, (2) at the entry node, creating a traffic log, including resource identification information on the entry node, and (3) at a switch, extracting the resource identification information from the traffic log. Thus, amended claim 19 is also allowable over Nagendran in view of Brody.

Other Dependent claims

Because claims 20-22 inherit the language of amended independent claim 19, Applicant respectfully submits that claims 20-22 are also allowable over Nagendran in view of Brody for at least this reason.

Conclusion

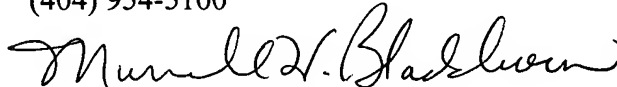
In view of the above amendments and remarks, Applicant respectfully requests a Notice of Allowance. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,

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